

## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF AIR POLLUTION CONTROL -- PERMIT SECTION P.O. BOX 19506 SPRINGFIELD, ILLINOIS 62794-9506

| FOR APPLICANT'S USE |
|---------------------|
| Revision #:         |
| Date: / /           |
| Page of             |
| Source Designation: |
|                     |

## SUPPLEMENTAL FORM AIR POLLUTION CONTROL EQUIPMENT FILTER (260C)

| FOR AGENCY USE ONLY  |  |  |  |  |
|----------------------|--|--|--|--|
| ID NUMBER:           |  |  |  |  |
| CONTROL EQUIPMENT #: |  |  |  |  |
| DATE:                |  |  |  |  |

| DATA AND INFORMATION                               |                     |                                      |                |  |  |  |  |
|--|---------------------|--------------------------------------|----------------|--|--|--|--|
| 1) FLOW DIAGRAM DESIGNAT                           | ION OF FILTER:      |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
| a) = 1 = 2 = 0 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 |                     |                                      |                |  |  |  |  |
| 2) FILTER CONFIGURATION (CHECK ONE):               | $\cap$              | $\cap$                               | $\cap$         |  |  |  |  |
| (GNEGIC GIVE).                                     | OPEN PRESSURE       | CLOSED PRESSURE                      | CLOSED SUCTION |  |  |  |  |
|  | OTHER, SPECIFY:     |                                      |                |  |  |  |  |
|  | _                   |                                      |                |  |  |  |  |
| 3) DESCRIBE FILTER MATERIA                         | AL:                 |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
| () EII TEDINIO 1251                                |                     | L EVAID TO OU OTHER TO               |                |  |  |  |  |
| 4) FILTERING AREA<br>(SQUARE FEET):                |                     | 5) AIR TO CLOTH RATIO<br>(FEET/MIN): |                |  |  |  |  |
| (OQOARETEET).                                      |                     | (1 22 1/18114).                      |                |  |  |  |  |
| O) OLEANING METUOD                                 |                     |                                      |                |  |  |  |  |
| 6) CLEANING METHOD                                 |                     |                                      | $\cap$         |  |  |  |  |
|  | J SHAKER U REVI     | ERSE AIR U PULSE AIR                 | U PULSE JET    |  |  |  |  |
|  | JOTHER, SPECIFY:    |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
| 7) NORMAL RANGE OF                                 |                     |                                      |                |  |  |  |  |
| PRESSURE DROP:                                     | ТО                  | (INCH H <sub>2</sub> 0)              |                |  |  |  |  |
| 8a) INLET EMISSION STREAM                          | PARAMETERS:         |                                      |                |  |  |  |  |
|  |                     | MAX                                  | TYPICAL        |  |  |  |  |
|  |                     | WD OX                                | TTTTOAL        |  |  |  |  |
| MOISTURE CONTENT (%                                | BY VOLUME):         |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
| PARTICULATE INLET LOADING (GRAINS/SCF):            |                     |                                      |                |  |  |  |  |
| PARTICULATE INLET LO.                              | ADING (GRAINS/SCF). |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
| E) MEAN DADTICLE DIAMET                            | TD (MICDONO):       |                                      |                |  |  |  |  |
| b) MEAN PARTICLE DIAMETER (MICRONS):               |                     |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |
|  |                     |                                      |                |  |  |  |  |

THIS AGENCY IS AUTHORIZED TO REQUIRE THIS INFORMATION UNDER ILLINOIS REVISED STATUTES, 1991, AS AMENDED 1992, CHAPTER 111 1/2, PAR. 1039.5. DISCLOSURE OF THIS INFORMATION IS REQUIRED UNDER THAT SECTION. FAILURE TO DO SO MAY PREVENT THIS FORM FROM BEING PROCESSED AND COULD RESULT IN THE APPLICATION BEING DENIED. THIS FORM HAS BEEN APPROVED BY THE FORMS MANAGEMENT CENTER.

APPLICATION PAGE \_\_\_\_

| 9) FILTER OPERATING PARAMETER                    | S:                   |                                 |                                 |  |  |
|--|----------------------|---------------------------------|---------------------------------|--|--|
|  |                      | DURING MAXIMUM                  | DURING TYPICAL                  |  |  |
|  |                      | OPERATION OF<br>FEEDING UNIT(S) | OPERATION OF<br>FEEDING UNIT(S) |  |  |
| INLET FLOW RATE (SCFM):                          |                      |                                 | , ,                             |  |  |
|  |                      |                                 |                                 |  |  |
| INLET GAS TEMPERATURE (DEC                       | GREES                |                                 |                                 |  |  |
| FAHRENHEIT):                                     | SKEEO                |                                 |                                 |  |  |
|  |                      |                                 |                                 |  |  |
| EFFICIENCY (PM REDUCTION):                       |                      | (%)                             | (%)                             |  |  |
|  |                      |                                 |                                 |  |  |
| EFFICIENCY (PM10 REDUCTION):                     |                      | (%)                             | (%)                             |  |  |
| ETTIOLENOT (FWTO REBOOTION                       | <i>)</i> •           | (70)                            | (76)                            |  |  |
|  |                      |                                 |                                 |  |  |
|  |                      |                                 |                                 |  |  |
| 10) HOW IS FILTER MONITORED                      |                      |                                 |                                 |  |  |
| FOR INDICATIONS OF DETERIORATION                 | CONTINUOUS           | PRESSURE                        | ALARMS-AUDIBLE                  |  |  |
| (E.G., BROKEN BAGS)?                             | OPACITY              | DROP                            | TO PROCESS                      |  |  |
| ( - ,  |                      |                                 | OPERATOR                        |  |  |
|  | U VISUAL OPACITY RE  | EADINGS, FREQUENCY:             |                                 |  |  |
|  |                      |                                 |                                 |  |  |
|  | OTHER OREGIEN        |                                 |                                 |  |  |
|  | OTHER, SPECIFY:      |                                 |                                 |  |  |
| (4) 2500005 440/25000000                         |                      | 5 1 0 0 5 1 TD 15 0             |                                 |  |  |
| 11) DESCRIBE ANY RECORDING DE                    | VICE AND FREQUENCY O | F LOG ENTRIES:                  |                                 |  |  |
|  |                      |                                 |                                 |  |  |
|  |                      |                                 |                                 |  |  |
|  |                      |                                 |                                 |  |  |
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|  |                      |                                 |                                 |  |  |
|  |                      |                                 |                                 |  |  |
| 12) DESCRIBE ANY FILTER SEEDING                  | 2 BEING DEDEORMED:   |                                 |                                 |  |  |
| 12) DESCRIBE ANY FILTER SEEDING BEING PERFORMED: |                      |                                 |                                 |  |  |
|  |                      |                                 |                                 |  |  |
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|  |                      |                                 |                                 |  |  |
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